

FY2016-2017 BUDGET DEVELOPMENT FLEET GUIDELINES AND REPLACEMENT SCHEDULES

Board of Supervisors Work Session
October 27, 2015

Agenda

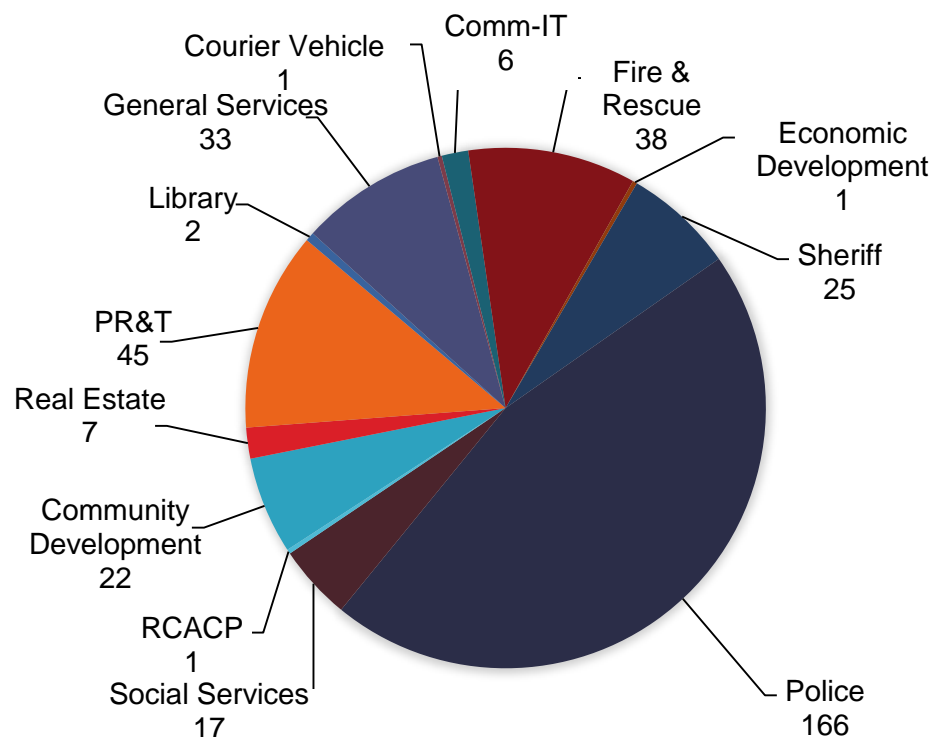
- Light-Duty Fleet
- Heavy-Duty Fleet/ Equipment
- Proposed FY2017-FY2026 Capital Budget Combined Replacement Schedule

LIGHT-DUTY FLEET

Current Condition of Light-Duty Fleet

- Police patrol, Fire and Rescue support, building inspections, real estate assessment, field maintenance, civil process, etc.

Departmental Fleet Distribution



Vehicle Type	Number of Vehicles	Average Age in FY2017
Passenger – emergency	251	8.0
Passenger– non-emergency	113	11.0
Total Light-Duty Fleet	364	8.9

Existing Replacement Guidelines

Light-Duty Fleet

- Policy # GS001; Issued/Last Revised 7/1/2003
 - “On an annual basis as part of the budget process, the Vehicle Replacement Committee will review dept. requests for new/replacement vehicles”...and will rank requests based on established criteria.
- Replacement Criteria (eligible for replacement)

Category	Mileage	Age
Sedans/SUVs - emergency	100,000	5 yrs.
Sedans/SUVs – non-emergency	150,000	9 yrs.
Pick-up trucks	150,000	9 yrs.
Vans	150,000	9 yrs.

Revised Replacement Guidelines

- Light or non-specialized fleet
- Point system determines eligibility to be reviewed for replacement based on criteria:
 - Age
 - Mileage
 - Maintenance & Repairs
 - Condition
 - Determined by fleet management staff
 - Fiscal Constraint

Light-Duty Fleet Replacement Proposal

Department	No. of Vehicles	Eligible for Replacement	%
Community Services			
Community Development	22	2	9.1%
Economic Development	1	-	-
General Services	6	1	33.3%
Real Estate Valuation	7	-	-
Human Services			
Parks & Rec, Tourism	45	17	37.8%
Library	2	1	50.0%
Internal Services			
Comm-IT	1	-	-
General Services	27	4	18.5%
Courier Vehicle	1	-	-
Public Safety			
Comm-IT	5	-	-
Fire & Rescue	38	3	7.9%
Police	166	25	15.1%
Sheriff	25	7	28.0%
Social Services	17	1	5.9%
Other			
RCACP	1	-	-
Total	364	61	16.8%

- Under the revised replacement guidelines, 61 light-duty vehicles are eligible for replacement in FY2017.

Light-Duty Replacement Plan

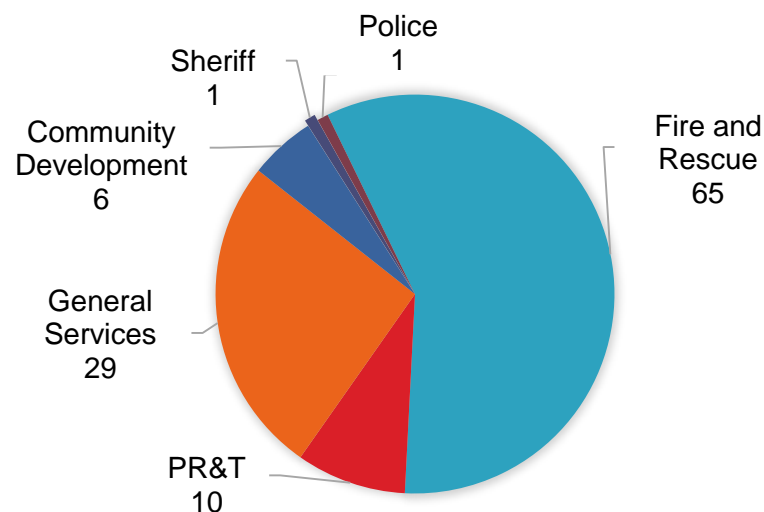
Department	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26
Community Services										
Community Development	2	1	3	2	2	2	2	-	-	2
Economic Development	-	-	-	-	1	-	-	-	-	-
General Services	1	1	-	1	1	-	1	2	1	1
Real Estate Valuation	-	-	-	-	-	-	1	-	1	-
Human Services										
Parks, Rec, and Tourism	17	5	3	9	9	8	9	10	8	9
Library	1	-	1	-	-	-	-	-	-	1
Internal Services										
CommIT	-	-	1	-	-	-	-	-	-	-
General Services	4	3	4	2	1	1	1	2	1	1
Courier	-	-	1	-	-	-	-	-	-	-
Public Safety										
CommIT	-	1	2	-	-	-	1	-	-	1
Fire and Rescue	3	4	3	1	2	1	2	1	2	1
Police	25	5	5	20	19	21	18	19	20	19
Sheriff	7	5	-	2	2	4	1	2	3	1
Social Services	1	1	2	1	1	1	2	1	2	2
Other										
RCACP	-	-	-	-	-	-	-	1	-	-
Total Number of Vehicles	61	26	25	38	38	38	38	38	38	38
Replacement Estimate	\$1,603,100	\$825,791	\$660,134	\$1,058,717	\$1,085,185	\$1,112,315	\$1,140,122	\$1,168,625	\$1,197,841	\$1,227,787
Upfit Estimate	\$80,155	\$41,290	\$33,141	\$52,981	\$54,306	\$55,663	\$57,055	\$58,481	\$59,943	\$61,442
Total Anticipated Cost	\$1,683,255	\$867,081	\$693,275	\$1,111,698	\$1,139,490	\$1,167,978	\$1,197,177	\$1,227,107	\$1,257,784	\$1,289,229
Appropriation Request	\$1,340,297	\$867,081	\$693,275	\$1,111,698	\$1,139,490	\$1,167,978	\$1,197,177	\$1,227,107	\$1,257,784	\$1,289,229
Contribution to Reserve	\$342,958	-	-	-	-	-	-	-	-	-
Total Anticipated Cost	\$1,683,255	\$867,081	\$693,275	\$1,111,698	\$1,139,490	\$1,167,978	\$1,197,177	\$1,227,107	\$1,257,784	\$1,289,229
Funding Sources										
Proceeds from Surplus	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
General Fund-Bond Refi	165,935	168,085	165,000	166,950	163,313	0	0	0	0	0
Police	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000
Community Development	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
General Fund	118,990	118,990	118,990	118,990	118,990	118,990	118,990	118,990	118,990	118,990
Grant Funding										
Additional Contribution	\$693,330	-	-	\$120,758	\$152,187	\$343,988	\$373,187	\$403,117	\$433,794	\$465,239

HEAVY-DUTY FLEET/ EQUIPMENT

Current Condition of Heavy-Duty Fleet

- Fire engines and tankers, ambulances, refuses trucks, trucks and trailers used for construction/ engineering, etc.

Departmental Fleet Distribution

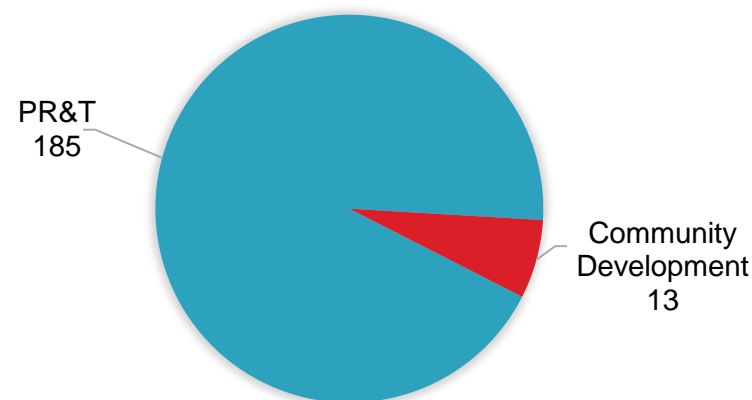


Vehicle Type	Number of Vehicles	Average Age in FY2017
Fire and Rescue Apparatus	42	14
Ambulance	22	8
Solid Waste—Refuse Trucks	23	7
Dump Trucks/Buses	25	13
Total Heavy-Duty Fleet	112	11.6

Current Condition of Heavy-Duty Equipment

- Backhoes, excavators, loaders, snow clearing equipment, grounds maintenance equipment, etc.

Departmental Equipment Distribution



Equipment Type	Pieces of Equipment
Excavator/ Backhoes	10
Loader	5
Snow Clearing Equipment (i.e., snow plow, snow blower, etc.)	41
Tractors/ Mowers	41
Grounds Maintenance Equipment (i.e., aerators, sprayers, etc.)	63
Trailers	38
Total Heavy-Duty Equipment	198

Existing Replacement Guidelines

Heavy-Duty Fleet/ Equipment

- Criteria considered for replacement:
 - Hours/ Mileage
 - Age
 - Condition
 - Industry Standards/ Guidelines (where applicable)
 - Functional Obsolescence
 - Parts Availability
 - Maintenance Costs
 - Fiscal Constraint

Heavy Fleet Replacement Plan

Department	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26
General Services										
Brush	\$130,000			\$135,200	\$136,500				\$141,700	\$143,000
Bulk	181,000	184,620	186,430	188,240			193,670			
Automated		256,020	258,530		263,550	532,120	268,570	542,160	273,590	552,200
Fire and Rescue										
Ladder			1,200,000			1,300,000			1,400,000	
Engines/Wagons	600,000	1,200,000		650,000	650,000		700,000	700,000	750,000	
Ambulances	400,000	200,000	410,000	210,000	430,000	220,000	440,000	225,000	450,000	230,000
Pumpers	350,000									500,000
Non-Specialized Trucks										
One-Ton Truck or Above	87,125	231,138	59,229	143,100	143,100	143,100	143,100	143,100	143,100	143,100
Total Number of Vehicles	8	8	7	7	7	6	7	6	8	6
Total Anticipated Cost	\$1,748,125	\$2,071,778	\$2,114,189	\$1,326,540	\$1,623,150	\$2,195,220	\$1,745,340	\$1,610,260	\$3,158,390	\$1,568,300
Appropriation Request	1,748,125	2,071,778	2,114,189	1,326,540	1,623,150	2,195,220	1,745,340	1,610,260	3,158,390	1,568,300
Contribution to Reserve	-	-	-	-	-	-	-	-	-	-
Total Anticipated Cost	\$1,748,125	\$2,071,778	\$2,114,189	\$1,326,540	\$1,623,150	\$2,195,220	\$1,745,340	\$1,610,260	\$3,158,390	\$1,568,300
Funding Sources										
Fire and Rescue	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750	\$547,750
Vinton--Cost Sharing		\$300,000	\$700,000			\$110,000			\$487,500	
Botetourt--Cost-Shairng	\$100,000	\$300,000								
General Fund	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240	\$470,240
Grant Funding										
Additional Contribution	\$630,135	\$453,788	\$396,199	\$308,550	\$605,160	\$1,067,230	\$727,350	\$592,270	\$1,652,900	\$550,310

Heavy Equipment Replacement Plan

Department	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26
Community Development										
Excavator/Backhoe	\$95,000	\$195,000							\$167,000	\$261,000
Loader	90,000	76,000	189,000							
Trailers		45,000								
Parks, Recreation, & Tourism										
Excavator/Backhoe	90,000			90,000						
Loader			100,000							
Snow Clearing Equip.	12,000	12,000	13,500	13,500	13,500	13,500	16,500	12,000	12,000	52,000
Tractors/ Mowers	33,000	147,000	100,000	95,000	10,000	100,000		58,000		71,000
Grounds Maint./Other	22,000	115,500	95,500	57,000	56,000	41,000	90,000	90,000	23,500	13,000
Trailers	7,300	12,000	19,000	13,000	7,500	6,000	5,500		7,000	7,500
Total Pieces of Equipment	16	24	19	14	12	9	9	16	12	17
Total Anticipated Cost	\$349,300	\$602,500	\$517,000	\$268,500	\$87,000	\$160,500	\$112,000	\$160,000	\$209,500	\$404,500
Appropriation Request	349,300	602,500	517,000	268,500	87,000	160,500	112,000	160,000	209,500	404,500
Contribution to Reserve	-	-	-	-	-	-	-	-	-	-
Total Anticipated Cost	\$349,300	\$602,500	\$517,000	\$268,500	\$87,000	\$160,500	\$112,000	\$160,000	\$209,500	\$404,500
Funding Sources										
Community Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Parks, Rec, and Tourism	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000	\$84,000
General Fund	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600	\$74,600
Grant Funding										
Additional Contribution	190,700	443,900	358,400	109,900	-	1,900	-	1,400	50,900	245,900

PROPOSED FY2017-FY2026 CAPITAL BUDGET COMBINED REPLACEMENT SCHEDULE

Combined Replacement Plan

Category	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26
Light Fleet	\$1,683,255	\$867,081	\$693,275	\$1,111,698	\$1,139,490	\$1,167,978	\$1,197,177	\$1,227,107	\$1,257,784	\$1,289,229
Heavy Fleet	\$1,748,125	\$2,071,778	\$2,114,189	\$1,326,540	\$1,623,150	\$2,195,220	\$1,745,340	\$1,610,260	\$3,158,390	\$1,568,300
Heavy Equipment	\$349,300	\$602,500	\$517,000	\$268,500	\$87,000	\$160,500	\$112,000	\$160,000	\$209,500	\$404,500
Total Anticipated Cost	\$3,780,680	\$3,541,359	\$3,324,464	\$2,706,738	\$2,849,640	\$3,523,698	\$3,054,517	\$2,997,367	\$4,625,674	\$3,262,029
Appropriation Request	3,437,722	3,541,359	3,324,464	2,706,738	2,849,640	3,523,698	3,054,517	2,997,367	4,625,674	3,262,029
Contribution to Reserve	\$342,958	-	-	-	-	-	-	-	-	-
Total Anticipated Cost	\$3,780,680	\$3,541,359	\$3,324,464	\$2,706,738	\$2,849,640	\$3,523,698	\$3,054,517	\$2,997,367	\$4,625,674	\$3,262,029
<u>Funding Sources</u>										
Proceeds from Surplus	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
General Fund-Bond Refi	165,935	168,085	165,000	166,950	163,313	0	0	0	0	0
Police	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000	585,000
Community Development	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Fire and Rescue	547,750	547,750	547,750	547,750	547,750	547,750	547,750	547,750	547,750	547,750
Vinton--Cost Sharing		\$300,000	\$700,000			\$110,000			\$487,500	
Botetourt--Cost-Shairng	\$100,000	\$300,000								
Parks, Rec, and Tourism	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000
General Fund	204,000	404,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000
Grant Funding										
Total Funding Sources	\$1,806,685	\$2,508,835	\$2,305,750	\$1,607,700	\$1,604,063	\$1,550,750	\$1,440,750	\$1,440,750	\$1,928,250	\$1,440,750
Additional Contribution	\$1,973,995	\$1,032,524	\$1,018,714	\$1,099,038	\$1,245,577	\$1,972,948	\$1,613,767	\$1,556,617	\$2,697,424	\$1,821,279

QUESTIONS
